

Inspector name	이환주	Approving name	G.H. Lee
Division	AQUA Eng. Co., Ltd.	Division	AQUA Eng.
Signature	이환주	Signature	G.H. Lee
Date	2011. 04. 06.(1)	Date	2011. 04. 06.
Test period of Shipboard test: 2011.03.06 ~ 2011.10.29			

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/Connection status	1	○
	Ball valve connected socket	Operation/Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
Rectifier	Body	Appearance status	1	○
	Cables	Connection status	1	○
	Emergency stop switch	Operation status	6	—
	Cooling fan	Operation status	6	—
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/Connection status	1	○
	BR	Connection status	1	○
	Insulated flange	Connection status	2	—
	Insulated washer	Connection status	2	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
	Sealing device gasket and insulated device	Appearance/Leakage status	2	—
	Cables of BR and rectifier	Connection status	1	○
	TT	Operation/Connection status	6	—
	TBS	Operation/Connection status	6	—
GS	Body	Appearance/Leakage status	1	○
	AB	Appearance/Operation status	2	—
	AAV	Appearance status	6	—
	AV	Appearance status	6	—
	Solenoid valve	Appearance/Operation status	2	—
	Marine bronze glove valve	Appearance/Operation status	2	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	—
NT	Tank body	Appearance/Leakage status	1	○
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	—
	ASS	Operation status	2	—
	NCP	Operation status	2	—
	NAP	Operation status	2	—
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Appearance/Leakage status	2	—
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—

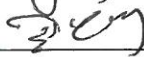
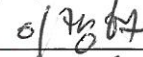




Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	—
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	—
	Suction pump	Operation status	2	—
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	—
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	—
	Connected cable line	Connection status	2	—
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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Inspector name	송영석	Approving name	G.H. Lee
Division	AQUA Star Ltd.	Division	Aqua Eng.
Signature		Signature	
Date	2011. 05. 04 (2)	Date	2011. 05. 04
Test period of Shipboard test: 2011.03.06 ~ 2011.10.29			

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	O
	Ball valve connected socket	Operation/Connection status	2	O
	PT	Appearance/Operation status	6	-
	PI	Appearance/Operation status	6	-
	Gasket of flange and cover	Appearance/Leakage status	2	O
Rectifier	Body	Appearance status	1	O
	Cables	Connection status	1	O
	Emergency stop switch	Operation status	6	-
	Cooling fan	Operation status	6	-
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	O
	BR	Connection status	1	O
	Insulated flange	Connection status	2	O
	Insulated washer	Connection status	2	O
	Gasket of flange and cover	Appearance/Leakage status	2	O
	Sealing device gasket and insulated device	Appearance/Leakage status	2	O
	Cables of BR and rectifier	Connection status	1	O
	TT	Operation/Connection status	6	-
	TBS	Operation/Connection status	6	-
GS	Body	Appearance/Leakage status	1	O
	AB	Appearance/Operation status	2	O
	AAV	Appearance status	6	-
	AV	Appearance status	6	-
	Solenoid valve	Appearance/Operation status	2	O
	Marine bronze glove valve	Appearance/Operation status	2	O





Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	O
	Flange (gasket)	Connection status	2	O
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	O
NT	Tank body	Appearance/Leakage status	1	O
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	O
	ASS	Operation status	2	O
	NCP	Operation status	2	O
	NAP	Operation status	2	O
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	O
	Flange (gasket)	Appearance/Leakage status	2	O
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	—
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	○
	Suction pump	Operation status	2	○
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	○
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	○
	Connected cable line	Connection status	2	○
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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Inspector name	김정민	Approving name	G. H. Lee
Division	AQUA Eng. Co., Ltd.	Division	AQUA Eng.
Signature	김정민	Signature	o/1802
Date	2011. 6. 7 (3)	Date	2011. 06. 07
Test period of Shipboard test: 2011.03.06 ~ 2011.10.29			

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	9
	Ball valve connected socket	Operation/Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
Rectifier	Body	Appearance status	1	9
	Cables	Connection status	1	9
	Emergency stop switch	Operation status	6	—
	Cooling fan	Operation status	6	—
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	9
	BR	Connection status	1	9
	Insulated flange	Connection status	2	—
	Insulated washer	Connection status	2	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
	Sealing device gasket and insulated device	Appearance/Leakage status	2	—
	Cables of BR and rectifier	Connection status	1	9
	TT	Operation/Connection status	6	—
	TBS	Operation/Connection status	6	—
GS	Body	Appearance/Leakage status	1	9
	AB	Appearance/Operation status	2	—
	AAV	Appearance status	6	—
	AV	Appearance status	6	—
	Solenoid valve	Appearance/Operation status	2	—
	Marine bronze glove valve	Appearance/Operation status	2	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	9
	Flange (gasket)	Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	—
NT	Tank body	Appearance/Leakage status	1	9
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	—
	ASS	Operation status	2	—
	NCP	Operation status	2	—
	NAP	Operation status	2	—
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	0
	Flange (gasket)	Appearance/Leakage status	2	—
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—

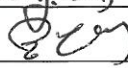
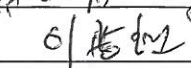




Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	○
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	—
	Suction pump	Operation status	2	—
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	—
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	—
	Connected cable line	Connection status	2	—
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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Inspector name	송영덕	Approving name	G. H. Lee
Division	AQUA Eng. Co., Ltd.	Division	AQUA Eng.
Signature		Signature	
Date	2011. 07. 09 (4)	Date	2011. 07. 09.

Test period of Shipboard test: 2011.03.06 ~ 2011.10.29

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	O
	Ball valve connected socket	Operation/Connection status	2	O
	PT	Appearance/Operation status	6	-
	PI	Appearance/Operation status	6	-
	Gasket of flange and cover	Appearance/Leakage status	2	O
Rectifier	Body	Appearance status	1	O
	Cables	Connection status	1	O
	Emergency stop switch	Operation status	6	-
	Cooling fan	Operation status	6	-
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	O
	BR	Connection status	1	O
	Insulated flange	Connection status	2	O
	Insulated washer	Connection status	2	O
	Gasket of flange and cover	Appearance/Leakage status	2	O
	Sealing device gasket and insulated device	Appearance/Leakage status	2	O
	Cables of BR and rectifier	Connection status	1	O
	TT	Operation/Connection status	6	-
	TBS	Operation/Connection status	6	-
GS	Body	Appearance/Leakage status	1	O
	AB	Appearance/Operation status	2	O
	AAV	Appearance status	6	-
	AV	Appearance status	6	-
	Solenoid valve	Appearance/Operation status	2	O
	Marine bronze glove valve	Appearance/Operation status	2	O





Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Connection status	2	○
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	○
NT	Tank body	Appearance/Leakage status	1	○
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	○
	ASS	Operation status	2	○
	NCP	Operation status	2	○
	NAP	Operation status	2	○
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Appearance/Leakage status	2	○
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	—
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	○
	Suction pump	Operation status	2	○
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	○
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	○
	Connected cable line	Connection status	2	○
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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Inspector name	김정민	Approving name	G. H. Lee
Division	AQOA Eng. Co., Ltd.	Division	AQOA Eng.
Signature	김정민	Signature	이항배
Date	2011. 8. 10 (5)	Date	2011. 08. 10
Test period of Shipboard test: 2011.03.06 ~ 2011.10.29			

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	9
	Ball valve connected socket	Operation/Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
Rectifier	Body	Appearance status	1	9
	Cables	Connection status	1	9
	Emergency stop switch	Operation status	6	—
	Cooling fan	Operation status	6	—
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	0
	BR	Connection status	1	9
	Insulated flange	Connection status	2	—
	Insulated washer	Connection status	2	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
	Sealing device gasket and insulated device	Appearance/Leakage status	2	—
	Cables of BR and rectifier	Connection status	1	9
	TT	Operation/Connection status	6	—
	TBS	Operation/Connection status	6	—
GS	Body	Appearance/Leakage status	1	9
	AB	Appearance/Operation status	2	—
	AAV	Appearance status	6	—
	AV	Appearance status	6	—
	Solenoid valve	Appearance/Operation status	2	—
	Marine bronze glove valve	Appearance/Operation status	2	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	Q
	Flange (gasket)	Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	—
NT	Tank body	Appearance/Leakage status	1	Q
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	—
	ASS	Operation status	2	—
	NCP	Operation status	2	—
	NAP	Operation status	2	—
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	Q
	Flange (gasket)	Appearance/Leakage status	2	—
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—


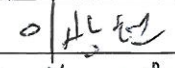




Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	—
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	—
	Suction pump	Operation status	2	—
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	—
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	—
	Connected cable line	Connection status	2	—
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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Inspector name	이 환주	Approving name	G. H. Lee
Division	AQUA Eng. Co., Ltd.	Division	AQUA Eng.
Signature		Signature	
Date	2011. 09. 06(6)	Date	2011. 09. 06.
Test period of Shipboard test: 2011.03.06 ~ 2011.10.29			

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	○
	Ball valve connected socket	Operation/Connection status	2	○
	PT	Appearance/Operation status	6	○
	PI	Appearance/Operation status	6	○
	Gasket of flange and cover	Appearance/Leakage status	2	○
Rectifier	Body	Appearance status	1	○
	Cables	Connection status	1	○
	Emergency stop switch	Operation status	6	○
	Cooling fan	Operation status	6	○
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	○
	BR	Connection status	1	○
	Insulated flange	Connection status	2	○
	Insulated washer	Connection status	2	○
	Gasket of flange and cover	Appearance/Leakage status	2	○
	Sealing device gasket and insulated device	Appearance/Leakage status	2	○
	Cables of BR and rectifier	Connection status	1	○
	TT	Operation/Connection status	6	○
	TBS	Operation/Connection status	6	○
GS	Body	Appearance/Leakage status	1	○
	AB	Appearance/Operation status	2	○
	AAV	Appearance status	6	○
	AV	Appearance status	6	○
	Solenoid valve	Appearance/Operation status	2	○
	Marine bronze glove valve	Appearance/Operation status	2	○





Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Connection status	2	○
	PT	Appearance/Operation status	6	○
	PI	Appearance/Operation status	6	○
	Ball valve connected socket	Operation/Connection status	2	○
NT	Tank body	Appearance/Leakage status	1	○
	Pipe/flange lines	Appearance/Leakage status	6	○
	Valves	Operation status	6	○
	Check valve	Operation status	6	○
	Solenoid valves	Operation status	6	○
	FWSS	Operation status	2	○
	ASS	Operation status	2	○
	NCP	Operation status	2	○
	NAP	Operation status	2	○
	PI	Operation status	6	○
	LG	Operation status	6	○
	LT	Operation status	6	○
SIP	Body	Appearance/Leakage status	1	○
	Flange (gasket)	Appearance/Leakage status	2	○
MCP	Body	Appearance status	6	○
	LCD (Touch screen)	Operation status	6	○
	USB port	Connection status	6	○
	Emergency switch	Operation status	6	○
	Emergency operation switch	Operation status	6	○
	Connected cable line	Connection status	6	○
	Button/switch/lamp	Operation status	6	○
LCP	Body	Appearance status	6	○
	LCD (Touch screen)	Operation status	6	○
	USB port	Connection status	6	○
	Emergency switch	Operation status	6	○
	Connected cable line	Connection status	6	○
	Button/switch/lamp	Operation status	6	○



Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	○
	Reagent	Appearance status	3	○
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	○
	Suction pump	Operation status	2	○
	Calibration and repeatability	Check this sensor	6	○
<b>CM</b>	Body	Appearance/Leakage	6	○
	Connected cable line	Connection status	2	○
	Local display	Operation status	6	○
	Fixing status	Connection status	6	○
	Calibration and repeatability	Check this sensor	6	○
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	○
	Calibration and repeatability	Check this detector	6	○
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	○
	Calibration and repeatability	Check this detector	6	○
<b>MFM</b>	Body	Appearance/Leakage	6	○
	Flange (gasket)	Appearance/Connection status	2	○
	Connected cable line	Connection status	2	○
	LCD display of transmitter	Operation status	6	○
	Fixing status transmitter	Connection status	6	○
	Calibration and repeatability	Check this device	6	○

※ After the inspection for maintenance, the inspector must submit the copy of this document to AQUA Eng. Co., Ltd.





Inspector name	정영호	Approving name	G. H. Lee
Division	AQUA Eng. Co., Ltd.	Division	AQUA Eng.
Signature	정영호	Signature	G. H. Lee
Date	2011. 10. 7 (7)	Date	2011. 10. 7

Test period of Shipboard test: 2011.03.06 ~ 2011.10.29

Unit	Equipment	Check points	Interval (M)	Result (O/X)
SP	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	○
	Ball valve connected socket	Operation/Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
Rectifier	Body	Appearance status	1	○
	Cables	Connection status	1	○
	Emergency stop switch	Operation status	6	—
	Cooling fan	Operation status	6	—
EL	Body (Flange/Cover/Bed)	Appearance/Leakage/ Connection status	1	○
	BR	Connection status	1	○
	Insulated flange	Connection status	2	—
	Insulated washer	Connection status	2	—
	Gasket of flange and cover	Appearance/Leakage status	2	—
	Sealing device gasket and insulated device	Appearance/Leakage status	2	—
	Cables of BR and rectifier	Connection status	1	○
	TT	Operation/Connection status	6	—
	TBS	Operation/Connection status	6	—
GS	Body	Appearance/Leakage status	1	○
	AB	Appearance/Operation status	2	—
	AAV	Appearance status	6	—
	AV	Appearance status	6	—
	Solenoid valve	Appearance/Operation status	2	—
	Marine bronze glove valve	Appearance/Operation status	2	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
NU	Body	Appearance/Leakage status	1	9
	Flange (gasket)	Connection status	2	—
	PT	Appearance/Operation status	6	—
	PI	Appearance/Operation status	6	—
	Ball valve connected socket	Operation/Connection status	2	—
NT	Tank body	Appearance/Leakage status	1	9
	Pipe/flange lines	Appearance/Leakage status	6	—
	Valves	Operation status	6	—
	Check valve	Operation status	6	—
	Solenoid valves	Operation status	6	—
	FWSS	Operation status	2	—
	ASS	Operation status	2	—
	NCP	Operation status	2	—
	NAP	Operation status	2	—
	PI	Operation status	6	—
	LG	Operation status	6	—
	LT	Operation status	6	—
SIP	Body	Appearance/Leakage status	1	9
	Flange (gasket)	Appearance/Leakage status	2	—
MCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Emergency operation switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—
LCP	Body	Appearance status	6	—
	LCD (Touch screen)	Operation status	6	—
	USB port	Connection status	6	—
	Emergency switch	Operation status	6	—
	Connected cable line	Connection status	6	—
	Button/switch/lamp	Operation status	6	—



Unit	Equipment	Check points	Interval (M)	Result (O/X)
<b>TRO sensor</b>	Body	Appearance status	6	—
	Reagent	Appearance status	3	—
	Buffer solution	Appearance status	12	—
	Cooling system	Operation status	2	—
	Suction pump	Operation status	2	—
	Calibration and repeatability	Check this sensor	6	—
<b>CM</b>	Body	Appearance/Leakage	6	—
	Connected cable line	Connection status	2	—
	Local display	Operation status	6	—
	Fixing status	Connection status	6	—
	Calibration and repeatability	Check this sensor	6	—
<b>H2D</b>	Body/Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>CL2D</b>	Body/ Sensor	Appearance/Operation status	6	—
	Calibration and repeatability	Check this detector	6	—
<b>MFM</b>	Body	Appearance/Leakage	6	—
	Flange (gasket)	Appearance/Connection status	2	—
	Connected cable line	Connection status	2	—
	LCD display of transmitter	Operation status	6	—
	Fixing status transmitter	Connection status	6	—
	Calibration and repeatability	Check this device	6	—

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